# AUTHOR INDEX TO VOLUME 29


Alexeev, D. G., 249
Amiconi, G., 131
Aruoma, O. I., 289
Ascenzi, P., 131
Avioliano, L., 25
Balachandran Unni Nair, 111
Baldwin, D. A., 77
Beilstein, M. A., 137
Bensch, W., 269
Bhatia, S., 181
Biddau, M., 101
Borrás, J., 119
Bremner, I., 313
Brushmiller, J. G., 173
Chen, M. N., 231
Chen, Y-H., 231
Cheuk, M. S., 301
Chiancone, E., 131
Chung, Z. C., 231
Decock-Le Révérend, B., 187
Desideri, A., 131
Diakun, G. P., 249
Dubler, E., 269
Dyrssen, D., 67
Evans, W. J., 241
Ficheux, D., 187
Fontana, A., 165
Garai, A., 49
Govindaraju, K., 111
Grogan, J., 33
Grootveld, M., 289
Halliwell, B., 289
Hänggi, G., 269
Haraldsson, C., 67
Hasnain, S. S., 249
Hatano, M., 1
Hinojosa, M., 119
Hiskey, R. G., 153
Hui, Y. V., 301
Jacobs, F. A., 173
Jalal, M. A. F., 259
Jarnagin, F., 153
Jori, G., 59
Kaushik, N. K., 181
Keung, W. M., 301
Koehler, K. A., 153
Koehler, L. S., 153
Koppenol, W. H., 199
Kozlowski, H., 187
Li, N. C., 231
Ligtvoet, G. J., 217
Loh, T. T., 301
Loucheux, C., 187
Love, S. K., 259
Maggio, F., 165
Marques, H. M., 77
Martin, C. J., 241
Massacesi, M., 95
Mondovi, B., 25
Morpugo, L., 25
Nelson, L. S., Jr., 173
Nozawa, T., 1
Nyberg, E., 67
Ookubo, S., 1
Ortiz, R., 119
Parashar, R. K., 225
Pedersen, L. G., 153
Perelló, L., 119
Pinna, R., 95
Pizzino, T., 165
Ponticelli, G., 95, 101
Pratt, J. M., 77
Puggioni, G., 95
Ramasami, T., 111
Ramaswamy, D., 111
Reddi, E., 59
Reedijk, J., 217
Rush, J. D., 199
Savini, I., 25
Sharma, R. C., 225
Skuratovskii, I. Y., 249
Sodhi, G. S., 181
Sovago, I., 187
Szalkai, K., 49
Taborsky, G., 33
Tatjanenko, L. V., 101
Tzou, J. R., 231
Vajda, T., 49
Valduga, G., 59
van der Helm, D., 259
van der Veer, J. L., 217
Volkova, L. I., 249
Wang, S. M., 231
Wedborg, M., 67
Whanger, P. S., 137
Zakharova, I. A., 101

## SUBJECT INDEX TO VOLUME 29


Acetate, magnesium ion complexes with, 153
Adenine, cadmium(II) chloride and sulfate complexes with, 165
L-Alanine interaction with Cu(II) and cimetidine, 119
Aluminosilicates, 313
Aluminum(III), DNA complexation with, 67
Antitumor activity of *N*-ethyl- and *N*-propylimidazole platinum(II) complexes, 101
Antitumor activity of platinum(IV) chloride complexes, 95
Aquocobalamin interaction with cyanide, 77
Ascorbate oxidase reaction with *N*,*N*-diethyldithiocarbamate, 25
Ascorbate-dependent deoxyribose degradation, 289
Blue oxidases, *N*,*N*-diethyldithiocarbamate reaction with, 25
Bovine milk, solubility of minerals in, 173
Cadmium(II) chloride and sulfate complexes with adenine, 165
Calcium salts of DNA and polydA:polydT, EXAFS studies of, 249
Calcium solubility in bovine milk, 173
Cimetidine interaction with Cu(II) and L-alanine, 119
Citrate solubility in bovine milk, 173
Cobalt(II) aqua ion interactions with phytic acid, 241
Cobalt(II) effect on trypsinogen activation, 49
Cobalt(II) hypoxanthine complexes, coordination properties of, 269
Copper(II) aqua ion interactions with phytic acid, 241
Copper(II) hypoxanthine complexes, coordination properties of, 269
Copper(II) interaction with cimetidine and L-alanine, 119
Copper(II) removal from blue oxidases, 25
Copper solubility in bovine milk, 173
Cyanide interaction with aquocobalamin, 77
Cyanide interaction with hemoproteins, 77
Cyanide interaction with microperoxidase-8, 77
L-Cysteine containing ligands, nickel(II) complexes with, 187
DNA, aluminum complexes with, 67
DNA, cadmium(II) complexes with, 165
DNA, calcium salts of, EXAFS studies of, 249
Deoxyribose degradation, ascorbate-dependent, 289
*N*,*N*-Diethyldithiocarbamate removal of copper from blue oxidases, 25
*N*-Ethylimidazole, platinum(II) halide complexes with, 101
Ferric ion complex of protoporphyrin-IX-dimethylester, 1
Ferric ion effect on trypsinogen activation, 49
Ferric mono- and dihydroxamates as iron transport agents, 259
Ferric ovotransferrin, pyrophosphate-induced iron release from, 301
Ferrous dromedary hemoglobin, inositol hexakisphosphate effect on nitric oxide derivative of, 131
Ferrous polyaminocarboxylate complexes, hydrogen peroxide interaction with, 199
*Gliocladium virens*, iron(III) uptake in, 259
Glutathione peroxidase induction, selenomethionine, selenite, and selenocystine effect on, 137
Heme interaction with cyanide, 77
Heme-thiol complexes, circular dichroism and $^1$H-NMR studies of, 1
Hemocyanin from Taiwan snails, fluorescence and circular dichroism studies of, 231
Hemoglobin, inositol hexakisphosphate effect on, 131
Hemoprotein interaction with cyanide, 77
Hydrogen peroxide, ferrous polyaminocarboxylate complexes and, 199
Hypoxanthine, coordination properties of, 269
Inositol hexakisphosphate effect on nitric oxide derivative of ferrous dromedary hemoglobin, 131
Iron binding by phosvitins, 33
Iron release from diferric ovotransferrin, pyrophosphate-induced, 301
Iron solubility in bovine milk, 173
Iron transport agents, ferricmono- and dihydroxamates as, 259
Isoniazid, organomercury(II) complexes of, 181
Laccase reaction with *N*,*N*-diethyldithiocarbamate, 25
Lysyl oxidase, active site chemistry of, 111
Magnesium ion complexes with acetate and malonate ligands, 153
Magnesium ion interactions with proteins, 153
Magnesium ion solubility in bovine milk, 173
Malonate, magnesium ion complexes with, 153
Manganese(II) effect on trypsinogen activation, 49
Mercury(II) complexes with isoniazid, 181
9-Methylhypoxanthine interactions with platinum(IV) amine compounds, 217
Microperoxidase-8 interaction with cyanide, 77
Milk, solubility of minerals in, 173
Nickel(II) complexes with sulfhydryl-containing peptides, 187

Nickel(II) hypoxanthine complexes, coordination properties of, 269
Nitrothiophenolatoiron(III) complex of protoporphyrin-IX-dimethylester, 1
Organomercury(II) complexes of isoniazid, 181
Ovotransferrin, pyrophosphate-induced iron release from, 301
Phosphate solubility in bovine milk, 173
Phosvitin binding to iron, 33
Phthalocyanine interaction with Zn(II), 59
Phytic acid interactions with aqua ions of Co(II) and Cu(II), 241
Platinum(II) halide complexes with *N*-ethylimidazole and *N*-propylimidazole, 101
Platinum(IV) amine compounds, 9-methylhypoxanthine interaction with, 217
Platinum(IV) chloride complexes with heterocyclic ligands, 95
PolydA:polydT, calcium salts of, 249
*N*-Propylimidazole, platinum(II) halide complexes with, 101
Protoporphyrin-IX-dimethylester, nitrothiophenolatoiron(III) complex of, 1
Pyrophosphate-induced iron release from diferric ovotransferrin, 301
Selenite in glutathione peroxidase induction and cellular incorporation, 137
Selenocystine in glutathione peroxidase induction and cellular incorporation, 137
Selenomethionine in glutathione peroxidase induction and cellular incorporation, 137
Selenomethionine metabolism in tissue cultures, 137
Siderophore-mediated iron(III) uptake, 259
Silicon biochemistry, 313
Sulfhydryl-containing peptides, nickel(II) complexes with, 187
Thiol-heme complexes, circular dichroism and $^1$H-NMR studies of, 1
Trypsinogen activation, Mn(II), Fe(III), Co(II) and Zn(II) effect on, 49
Zinc(II) complexes with 2,2′-substituted diphenylamines, 225
Zinc(II) effect on trypsinogen activation, 49
Zinc(II) interaction with phthalocyanine, 59
Zinc solubility in bovine milk, 173